

White Rose Maths - Version 3.0

Schemes of Learning Spring Term Overview



Year 5

Length of topic area is subject to the teacher's discretion, as some areas may need a longer focus to ensure the children fully understand what is being taught.

Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number Place value			Number Addition and subtraction		Number Multiplication and division A			Number Fractions A			
Spring	Number Multiplication and division B			Number Fractions B		Number Decimals and percentages			Measurement Perimeter and area		Statistics	
Summer	Geometry Shape			Geometry Position and direction		Number Decimals			Number Negative numbers	Measurement Converting units		Measurement Volume

Year 5

Spring Block 1

**Multiplication
and division B**

Small steps

Step 1 Multiply up to a 4-digit number by a 1-digit number

Step 2 Multiply a 2-digit number by a 2-digit number (area model)

Step 3 Multiply a 2-digit number by a 2-digit number

Step 4 Multiply a 3-digit number by a 2-digit number

Step 5 Multiply a 4-digit number by a 2-digit number

Step 6 Solve problems with multiplication

Step 7 Short division

Step 8 Divide a 4-digit number by a 1-digit number

Small steps

Step 9 Divide with remainders

Step 10 Efficient division

Step 11 Solve problems with multiplication and division

Year 5

Spring Block 1

**Multiplication
and division B**

Small steps

Step 1 Multiply up to a 4-digit number by a 1-digit number

Step 2 Multiply a 2-digit number by a 2-digit number (area model)

Step 3 Multiply a 2-digit number by a 2-digit number

Step 4 Multiply a 3-digit number by a 2-digit number

Step 5 Multiply a 4-digit number by a 2-digit number

Step 6 Solve problems with multiplication

Step 7 Short division

Step 8 Divide a 4-digit number by a 1-digit number

Small steps

Step 9 Divide with remainders

Step 10 Efficient division

Step 11 Solve problems with multiplication and division

Year 5

Spring Block 3

Decimals and percentages

Small steps

Step 1 Decimals up to 2 decimal places

Step 2 Equivalent fractions and decimals (tenths)

Step 3 Equivalent fractions and decimals (hundredths)

Step 4 Equivalent fractions and decimals

Step 5 Thousandths as fractions

Step 6 Thousandths as decimals

Step 7 Thousandths on a place value chart

Step 8 Order and compare decimals (same number of decimal places)

Small steps

Step 9 Order and compare any decimals with up to 3 decimal places

Step 10 Round to the nearest whole number

Step 11 Round to 1 decimal place

Step 12 Understand percentages

Step 13 Percentages as fractions

Step 14 Percentages as decimals

Step 15 Equivalent fractions, decimals and percentages

Year 5

Spring Block 4

Perimeter and area

Small steps

Step 1

Perimeter of rectangles

Step 2

Perimeter of rectilinear shapes

Step 3

Perimeter of polygons

Step 4

Area of rectangles

Step 5

Area of compound shapes

Step 6

Estimate area

Year 5

Spring Block 5

Statistics

Small steps

Step 1

Draw line graphs

Step 2

Read and interpret line graphs

Step 3

Read and interpret tables

Step 4

Two-way tables

Step 5

Read and interpret timetables